PENDING CLAIMS AS AMENDED

1.   (Currently Amended) A method for framing packets in a wireless transmission system supporting broadcast transmissions, the method comprising:

 generating a portion of an Internet Protocol (IP) packet for transmission <u>wherein the portion of an Internet Protocol (IP) packet is of one type</u>;

 appending a start of frame indicator to the portion of the IP packet;

 applying an error checking mechanism to the portion of the IP packet;

 preparing a frame for transmission, having the start of frame indicator, the portion of the IP packet, and the error checking mechanism; and

 transmitting the frame without protocol information.

2.   (Original) The method as in claim 1, wherein the start of frame indicator is a predetermined sequence of bits, the method further comprising:

 if the portion of the IP packet contains the predetermined sequence of bits, inserting a classifier into the portion of the IP packet.

3   (Original) The method as in claim 2, wherein the classifier corresponds to an escape character.

4.   (Original) The method as in claim 1, wherein the error checking mechanism is a frame check sequence.

5.   (Currently Amended) A communication signal transmitted via a carrier wave, comprising:

 a payload portion corresponding to at least a portion of an Internet Protocol (IP) packet of digital information <u>wherein the portion of an Internet Protocol (IP) packet is of one type</u>;

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a start of frame portion corresponding to the payload portion, and identifying a status of

the payload portion within an IP packet;

and an error checking portion for verifying the payload portion.

6.   (Original) The method as in claim 5, wherein the start of frame portion is a

predetermined sequence of bits, and

wherein if the payload portion contains the predetermined sequence of bits, the payload

portion further comprises:

a classifier portion.

7.   (Currently Amended) A method for receiving framed packets in a wireless transmission

system supporting broadcast transmissions, the method comprising:

receiving a frame of a packet transmission <u>wherein the frame is of one type of packet</u>

<u>transmission</u>, the frame having a start of frame portion, a payload portion, and an

error check portion, the frame not including protocol information;

identifying the frame as a start frame in the packet transmission;

verifying the frame using the error check portion of the frame; and

processing the payload portion of the frame.

8.   (Original) The method as in claim 7, wherein if the start of frame indicator is a

predetermined sequence of bits, and

wherein if the payload portion contains the predetermined sequence of bits, the payload portion

further includes a classifier to identify the predetermined sequence of bits in the payload.

9.   (Original) The method as in claim 8, wherein the classifier defines an escape character.

10.   (Original) The method as in claim 8, further comprising:

identifying the classifier in the payload; and

processing the payload without the classifier.

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11.   (Original) The method as in claim 1, wherein the error checking portion is a frame check sequence.

12.   (Currently Amended) An apparatus for framing packets in a wireless transmission system supporting broadcast transmissions, the apparatus comprising:

    means for generating a portion of an Internet Protocol (IP) packet for transmission
        <u>wherein the portion of an Internet Protocol (IP) packet is of one type;</u>

    means for appending a start of frame indicator to the portion of the IP packet;

    means for applying an error checking mechanism to the portion of the IP packet;

    means for preparing a frame for transmission, having the start of frame indicator, the
        portion of the IP packet, and the error checking mechanism; and

    means for transmitting the frame without protocol information.

13.   (Currently Amended) An apparatus for receiving framed packets in a wireless transmission system supporting broadcast transmissions, the apparatus comprising:

    means for receiving a frame of a packet transmission <u>wherein the frame is of one type of</u>
        <u>packet transmission</u>, the frame having a start of frame portion, a payload portion,
        and an error check portion, the frame not including protocol information;

    means for identifying the frame as a start frame in the packet transmission;

    means for verifying the frame using the error check portion of the frame; and

    means for processing the payload portion of the frame.

14.   (Currently Amended) A computer program stored on a computer-readable storage unit, the computer program for framing packets in a wireless transmission system supporting broadcast transmissions, the computer program comprising:

    a first set of instructions for generating a portion of an Internet Protocol (IP) packet for
        transmission <u>wherein the portion of an Internet Protocol (IP) packet is of one</u>
        <u>type;</u>

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a second set of instructions for appending a start of frame indicator to the portion of the
        IP packet;

a third set of instructions for applying an error checking mechanism to the portion of the
        IP packet;

a fourth set of instructions for preparing a frame for transmission, having the start of
        frame indicator, the portion of the IP packet, and the error checking mechanism;
        and

a fifth set of instructions for transmitting the frame without protocol information.

15.   (Currently Amended) An computer program stored on a computer-readable storage unit,
the computer program for receiving framed packets in a wireless transmission system
supporting broadcast transmissions, the computer program comprising:

    a first set of instructions for receiving a frame of a packet transmission <u>wherein the frame</u>
        <u>is of one type of packet transmission</u>, the frame having a start of frame portion, a
        payload portion, and an error check portion, the frame not including protocol
        information;

    a second set of instructions for identifying the frame as a start frame in the packet
        transmission;

    a third set of instructions for verifying the frame using the error check portion of the
        frame; and

    a fourth set of instructions for processing the payload portion of the frame.

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